ABSTRACT

The present invention provides generally a compound having the following general formula (1):

wherein R^1 and R^2 are independently the same or different and are hydrogen, an alkyl group, an alkenyl group, a benzyl group, an alkynyl group, an alkoxyl group, an aryloxy group, an acyloxy group, a carbonyloxy group, a carbamoyloxy group, a halogen, a hydroxyl group, a nitro group, a cyano group, an azido group, a formyl group, a hydrazino group, an acyl group, an amino group, -SRc, wherein, Rc is hydrogen, an acyl group, an alkyl group, or an aryl group, or \mathbb{R}^1 and \mathbb{R}^2 together form a group of the formula $-O(CH_2)_nO$ - wherein n represents the integer 1 or 2; R3 is H, F, a halogen atom, a nitro group, an amino group, a hydroxyl group, or a cyano group; or R² and R³ together form a group of the formula $-O(CH_2)_nO$ - wherein n represents the integer 1 or 2; R^4 is H, F, a C_{1-3} alkyl group, a C_{2-3} alkenyl group, a C_{2-3} alkynyl group, or a C_{1-3} alkoxyl group; R^5 is a C_{1-10} alkyl group, or a propargyl group; and R^6 , R^7 and R^8 are independently a C_{1-10} alkyl group, a C_{2-10} alkenyl group, a C_{2-10} alkynyl group, an aryl group or a $-(CH_2)_NR^9$ group, wherein N is an integer within the range of 1 through 10 and R9 is a hydroxyl group, alkoxy group, an amino group, an alkylamino group, a dialkylamino group, a halogen atom, a cyano group or a nitro group; and pharmaceutically acceptable salts thereof.

10

15

20